

USCMS Engineer Status Report for July 2004

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1 Work Performed This Month

I was on vacation for two weeks in July, so this report represents a much shorter time period than usual.

My work on the reconstruction use cases for the LPC EDM working group (see my June report) continued into early July.

In late July, I finished developing a DetachRun tool so that runs diagnosed as "bad" could be detached from a dataset. This tool is now officially part of COBRA.

In the process of development of DetachRun, I discovered a long-standing bug in COBRA that caused some extraneous information to be written to the metadata of a dataset during the attachment of a run to a dataset. I provided a fix for the bug, which was picked up in COBRA_7_8_6.

The extraneous data due to the above bug was still present in COBRA/POOL datasets written prior to COBRA_7_8_6. This prevents DetachRun from working properly. I wrote, tested, and submitted a new metadata tool. fixErrors, which cleans up the problem in old datasets.